

## Message Text

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ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 DODE-00 CIAE-00 INRE-00

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FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC IMMEDIATE 2538

S E C R E T MOSCOW 10333

EXDIS

E.O. 11652: XGDS-3

TAGS: PARM,US,UR

SUBJECT: TTBP/PNE NEGOTIATIONS: REPORT OF 17TH PLENARY, JULY 24TH

TTBT/PNE DELEGATION MESSAGE NO. 74

1. SUMMARY. STOESEL GAVE RESPONSE TO SOVIET STATEMENT, JULY 21, AND SUBSEQUENT INFORMAL REMARKS ON VERIFICATION OF YIELDS OF INDIVIDUAL EXPLOSIONS IN GROUP WHOSE AGGREGATE YIELD EXCEEDS AN AGREED INDIVIDUAL YIELD LIMIT. STATED SOVIET METHOD SIMILAR TO SLIFER APPEARS SOUND IN CONCEPT. SUBSCRIBED TO MOROKHOV STATEMENT THAT MOST ACCURATE METHOD SHOULD BE USED. HOWEVER, IN ADDITION TO ACCURACY, METHOD SHOULD ALSO PROVIDE VERIFYING SIDE INDEPENDENT MEASUREMENTS FREE FROM INTERFERENCE BY HOST PARTY. INITIAL US POSITION WITH RESPECT TO GROUP EXPLOSIONS HAD BEEN TO REQUIRE SEQUENTIAL FIRING. BECAUSE THIS WAS UNSATISFACTORY TO SOVIETS, US HAD STUDIED PROBLEM AND CONCLUDED THAT IF APPROPRIATE PROCEDURES ADOPTED SLIFERS OFFERED METHOD TO VERIFY GROUP EXPLOSIONS. IN CONTRAST TO US PROCEDURES, SOVIETS SUGGESTED THAT VERIFYING SIDE SHOULD RELY ON DATA OBTAINED FROM INSTRUMENTS DESIGNED, MANUFACTURED, INSTALLED AND OPERATED BY HOST PARTY. THIS UNACCEPTABLE TO US SIDE. US POSITION TO PERMIT AGGREGATE GROUP YIELDS IN EXCESS OF AGREED INDIVIDUAL YIELD LIMIT RESTS ON ACCEPTANCE OF US PROCEDURES. IN RESPONSE TO SOVIET CONCERN THAT ADDITIONAL INFORMATION

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WOULD BE OBTAINED, STOESEL SAID US PREPARED TO CONSIDER

ANY ADDITIONAL CONSTRAINTS ON US PROCEDURES SOVIETS MAY PROPOSE. US PREPARED TO ACCEPT UNDER US PROCEDURES INSTRUMENTS PROVIDED BY SOVIET UNION FOR VERIFICATION OF US GROUP EXPLOSIONS. SOVIET SIDE HAD NO STATEMENT. END SUMMARY.

2. SOTESSEL STATED THAT SOVIET TECHNICAL METHOD RESTSED ON SAME BASIC PRINCIPLES AS SLIFER METHOD AND THOUGH WE HAVE NOT HAD TIME TO STUDY METHOD NOR HAS DESCRIPTION OF INSTRUMENT DESIGN BEEN PROVIDED, METHOD APPEARS SOUND IN CONCEPT.

3. MEASUREMENT OF POSTION OF SHOCK FRONT VERUSU TIME IS MOST ACCURATE WAY TO DETERMINE YIELDS DISCUSSED IN NEGOTIATIONS. STOESSEL AGREED WITH MOROKHOV'S REMARK OF JULY 21 THAT MOST ACCURATE TECHNIQUE SHOULD BE USED IN VERIFICATION OF GROUP EXPLOSIONS.

4. HOWEVER, ACCURACY OF MEASUREMENT IS NOT ONLY REQUIREMENT. OBJECTIVE OF MEASUREMENTS MUST BE TO PROVIDE VERIFYING SIDE INDEPENDENT SET OF DATA, FREE FROM POTENTIAL INTERFERENCE BY HOST SIDE, AND NOT INTERFERE WITH CONDUCT OF PROJECT.

5. AT BEGINNING ROUND II US SIDE BELIEVED ONLY WAY TO VERIFY GROUP EXPLOSIONS WAS TO REQUIRE GROUP EXPLOSIVES BE FIRED SEQUENTIALLY, SOVIET VIEW WAS THAT SEQUENTIAL FIRING NOT SATISFACTORY WAY TO CONDUCT GROUP EXPLOSIONS. US SIDE AFTER FURTHER STUDY CONCLUDED THAT, IF APPROPRIATE PROCEDURES ADOPTED, SLIFER METHOD COULD BE USED FOR VERIFYING INDIVIDUAL EXPLOSIONS OF GROUPS WHERE AGGREGATE YIELD WAS GREATER THAN INDIVIDUAL YIELD LIMIT.

6. SOVIET SIDE HAS SUGGESTED THAT VERIFYING SIDE SHOULD RELY ON DATA OBTAINED FROM INSTRUMENTS DESIGNED, MANUFACTURED, INSTALLED AND OPERATED BY HOST PARTY. THIS APPROACH IS NOT ACCEPTABLE TO US SIDE.

7. US POSITON TO PERMIT NERALY SIMULTANEOUS GROUP EXPLOSIONS WHERE AGGREGATE YEILD IS GREATER THAN AGREED  
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INDIVIDUAL YIELD LIMIT RESTS ON ACCEPTANCE OF PROCEDURES FOR VERIFYING INDIVIDUAL YIELDS THAT US HAS PROPOSED.

8. SOVIET SIDE SUGGESTS THAT VERIFYING SIDE COULD OBTAIN OTHER DATA FROM EXPLOSION IF INSTRUMENTS ARE DESIGNED AND MANUFACTURED BY VERIFYING SIDE. US RESPONSE IS THAT OBSERVERS WILL HAVE ACCESS ONLY TO RECORDED DATA AND HOST PARTY WOULD KNOW CAPABILITIES

OF EQUIPMENT IN DETAIL.

9. IF SOVIET SIDE BELIEVES SPECIAL CONSTRAINTS ARE  
NEEDED TO PREVENT RECORDING INAPPROPRIATE DATA, US  
PREPARED TO CONSIDER THEM.

10. SOVIET SIDE STATED CONCERN OF HAVING EQUIPMENT  
DESIGNED AND MANUFACTURED BY VERIFYING SIDE PLACED  
NEAR EXPLOSIVE CANNISTER BUT DID NOT GIVE REASONS FOR  
CONCERN. US PROPOSAL IS THAT EQUIPMENT WOULD BE  
INSTALLED BY HOST SIDE UNDER OBSERVATION OF VERIFYING  
SIDE. US SIDE PREPARED TO ACCEPT, UNDER PROCEDURES  
WE PROPOSE, USE OF SLIFERS OR EQUIVALENT DESIGNED,  
MANUFACTURED AND OPERATED BY SOVIET PERSONNEL TO  
VERIFY YIELDS OF GROUP EXPLOSIONS CONDUCTED BY US.

11. SOVIET SIDE HAD NO STATEMENT. TIME OF NEXT  
PLENARY TO BE ARRANGED LATER.  
STOESSEL

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## Message Attributes

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**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** LIMITED TEST BAN TREATY, PEACEFUL NUCLEAR EXPLOSIONS, NEGOTIATIONS, MEETING REPORTS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 24 JUL 1975  
**Decaption Date:** 28 MAY 2004  
**Decaption Note:** 25 YEAR REVIEW  
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**Disposition Approved on Date:**  
**Disposition Authority:** KelleyW0  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
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